AMENDMENTS

In the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application. Please cancel claims 1-4, 6-8, 22-24, 26, and 34 without prejudice to the subject matter therein. Claims 9-21 and 25 were previously canceled. Currently amended claims are shown with additions underlined and deletions in ~~strikethrough text~~. No new matter is added by this amendment to the claims.

Claims 1-4 (Canceled)

Claim 5 (Currently amended) A method, comprising:

dispensing a first plurality of droplets~~, the first plurality of droplets having a flight path~~;

modifying a direction of the first plurality of droplets ~~along their flight path~~ using a first optical field;

disposing the first plurality of droplets on a medical device after modifying the direction of the first plurality of droplets;

dispensing a second plurality of droplets, ~~the second plurality of droplets having a flight path,~~ a droplet from the second plurality of droplets having a size different from a size of a droplet from the first plurality of droplets~~; and~~

modifying the direction of the second plurality of droplets ~~along their flight path~~ using a second optical field; and

disposing the second plurality of droplets on the medical device after modifying the direction of the second plurality of droplets such that the first plurality of droplets and the second plurality of droplets form interleaving zones on the medical device.

Claim 6 -26 (Canceled)

Claim 27 (Currently amended) A method, comprising:

dispensing a droplet~~, the droplet having a flight path~~;

modifying at least one of a direction, a velocity or an acceleration of the droplet ~~along its flight path~~ using an optical field, the modifying being based on a characteristic indicating that the droplet is unacceptable for disposing on a surface of a medical device; and

disposing, after the modifying, the droplet on a waste surface different from and proximate to the surface of the medical device.

Claim 28 (Previously presented) The method of claim 27, wherein the characteristic includes at least one of a size, a weight, the velocity, the direction, the acceleration, or a chemical composition of the droplet.

Claim 29 (Currently amended) The method of claim 27, wherein the modifying includes modifying the velocity of the droplet to substantially zero temporarily at a position along a ~~the flight~~ path.

Claim 30 (Previously presented) The method of claim 27, wherein:

the droplet is included within a plurality of droplets;

the dispensing includes dispensing the plurality of droplets;

the modifying includes modifying the direction of at least two droplets from the plurality of droplets on a per-droplet basis using the optical field; and

the disposing includes disposing the plurality of droplets on the waste surface after the modifying.

Claim 31 (Previously presented) The method of claim 27, wherein:

the droplet is included within a plurality of droplets;

the dispensing includes dispensing the plurality of droplets, the dispensing of the plurality of droplets defines a first plume profile;

the modifying includes modifying the direction of the plurality of droplets based on a characteristic of the plurality of droplets indicating that the plurality of droplets is unacceptable for disposing on the surface of the medical device, the modifying defines a second plume profile different from the first plume profile, the characteristic of the plurality of droplets including at least one of a size, a weight, the velocity, the direction, the acceleration, or a chemical composition of the plurality of droplets; and

the disposing includes disposing the plurality of droplets having the second plume profile on the waste surface after the modifying.

Claim 32 (Previously presented) The method of claim 27, wherein:

the optical field is a first optical field, the droplet is included within a first plurality of droplets,

the dispensing includes dispensing the first plurality of droplets,

the modifying includes modifying the direction of the first plurality of droplets using the first optical field based on a characteristic of the first plurality of droplets indicating that the first plurality of droplet is unacceptable for disposing on the surface of the medical device, the characteristic of the first plurality of droplets including at least one of a size, a weight, a velocity, the direction, an acceleration, or a chemical composition of the first plurality of droplets, the disposing includes disposing the first plurality of droplets on the waste surface after the modifying the direction of the first plurality of droplets,

the method further comprising:

dispensing a second plurality of droplets, a droplet from the second plurality of droplets having a size different from the size of the droplet from the first plurality of droplets; and

modifying the direction of the second plurality of droplets using a second optical field.

Claim 33 (Currently amended) The method of claim 27, wherein the droplet is a first droplet, the method further comprising:

dispensing a second droplet at a time period at least a portion of which overlaps with a time period in which the first droplet is dispensed~~, the second droplet having a flight path~~;

modifying at least one of a direction, a velocity, or an acceleration of the second droplet ~~along its flight path~~ using the optical field based on a characteristic of the second droplet indicating that the droplet is unacceptable for disposing on the surface of the medical device, the characteristic of the second droplet including at least one of a size, a weight, the velocity, the direction, the acceleration, or a chemical composition of the second droplet; and

disposing the second droplet on the waste surface after the modifying of the second droplet.